

UNFCCC Expert Group Meeting on Methods and Tools & Observations and Data under NWP

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Lessons Learned & Best Practices Identified

- Involvement of regional centres and networks such as CCCCC, SPREP and RIOCC
- Engagement of UN agencies with their regional and national counterparts (WMO/NMHS; WHO/PAHO/MoH)
- Accurate adaptation strategy based on comprehensive vulnerability assessment
- Methods and tools developed for specific sectors (DSSAT, LEAP)
- Downscaling (Malaysian Met. Service, Earth Simulator, PRECIS)

Remaining Gaps and Needs

- Guidance to select most appropriate tools
- Need for high quality and high resolution climate data sets
- Establish more regional centres and networks and strengthen existing ones
- Catalogue of practitioners' experience in use of methods and tools
- Further downscaling to get to micro-climate level

Summary of Recommendations

- Develop interactive-based guidance to enable users to share experiences with each other and developers
- Identify methods and tools which can be modified for climate change adaptation
- Organize regular conferences and workshops on adaptation
- Developers should publicize their tools, explain proper use, and submit to Secretariat for inclusion in Compendium
- Link socio-economic information with climate system data and observations
- Develop legal framework for exchange of data

How Implementation of Recommendations can be Better Facilitated

- User networks to share experiences
- Establish mechanisms to conduct inter-comparisons of methods and tools
- Use of different formats and modes for dissemination (web-based, CD-ROM, print)
- Demand-driven approach for development of methods and tools
- Training of multidisciplinary teams
- Continuing dialogue between developers and user community